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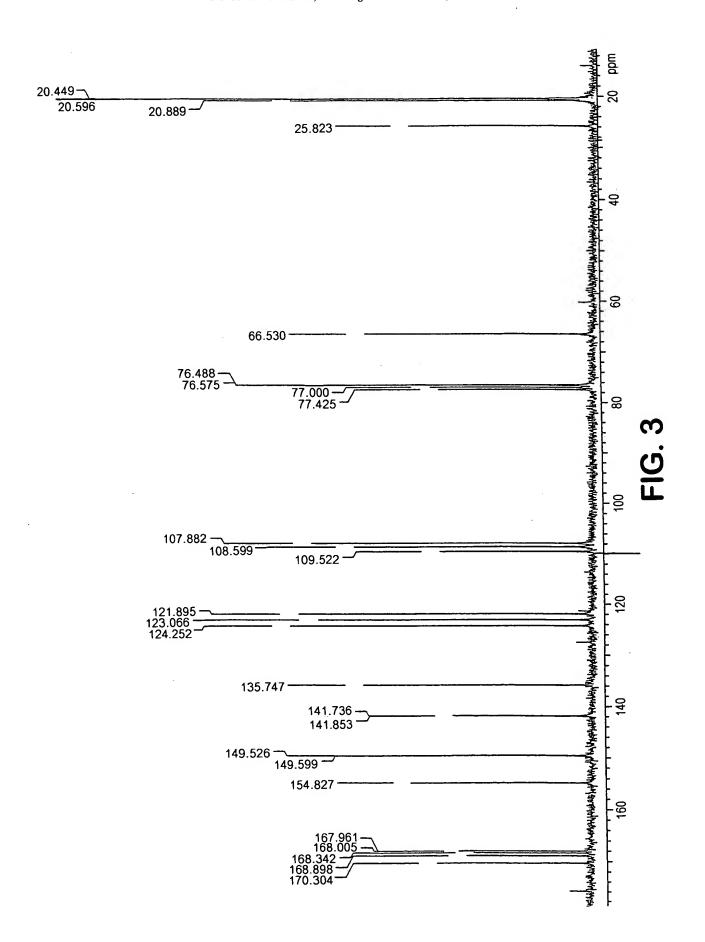
Title: Isolation, Purification and Synthesis Of Procyanidin B2 and Uses Thereof Applicants: Castillo et al. Attorney Docket No. 17170-004001(25835-4003)

U.S. Serial No.: 10/684,178 Filing Date: October 10, 2003

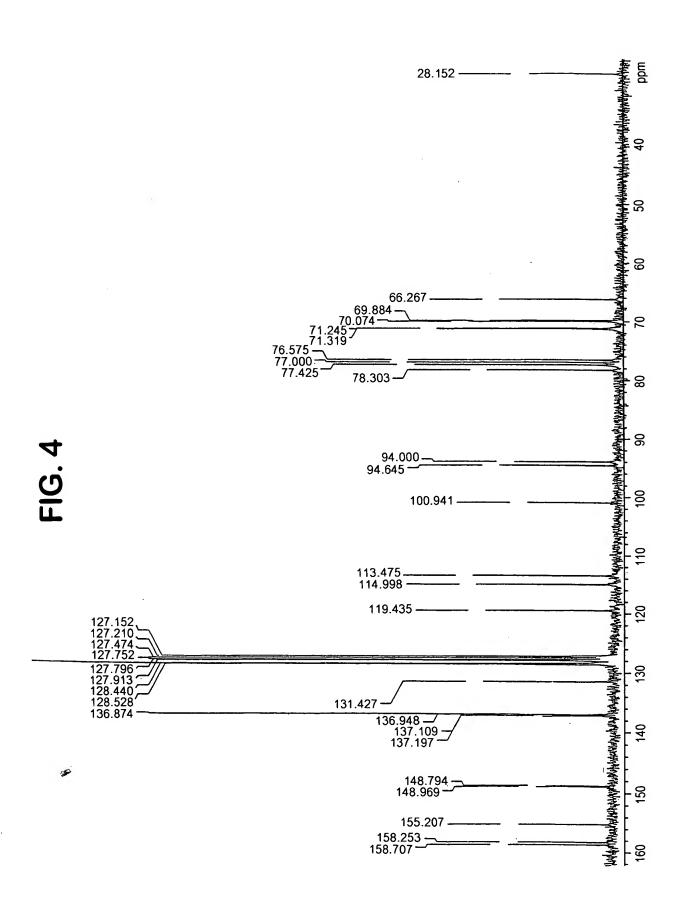
(2) YO. Ó (3) Ethylene glycol OBn OBu Reduction BnO TiC4 OBu Oxidation OBu 4 F OBu OBu 20% BnO-NaH, DMF BnBr 동 NO. (5) HO Catechin

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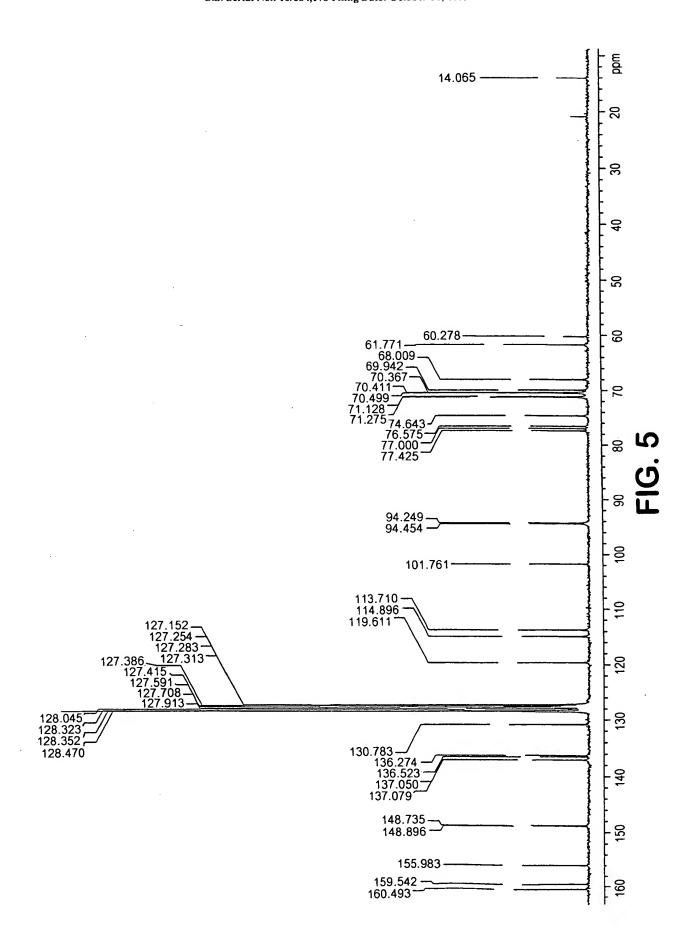
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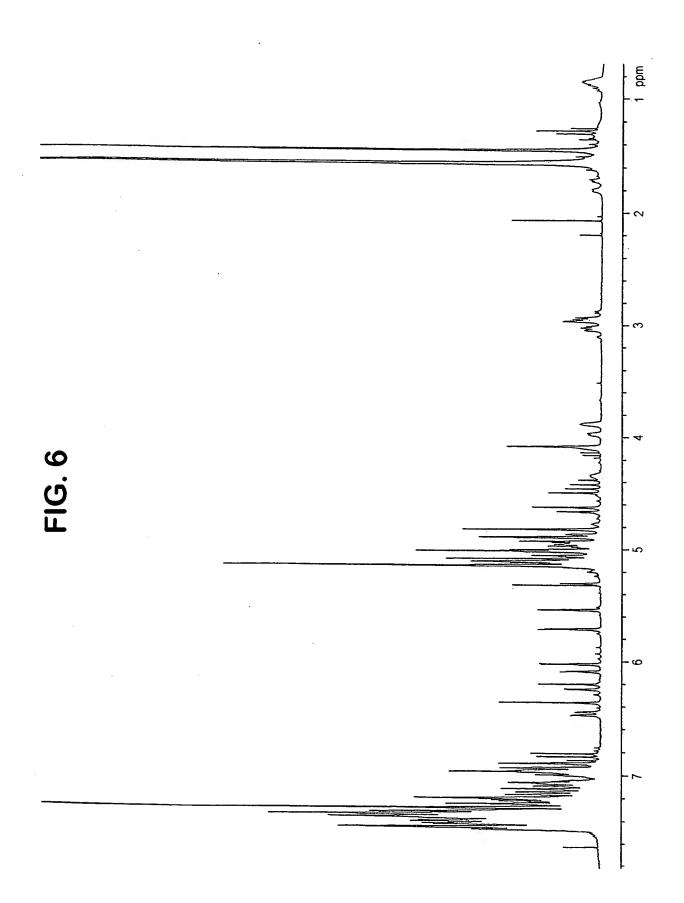
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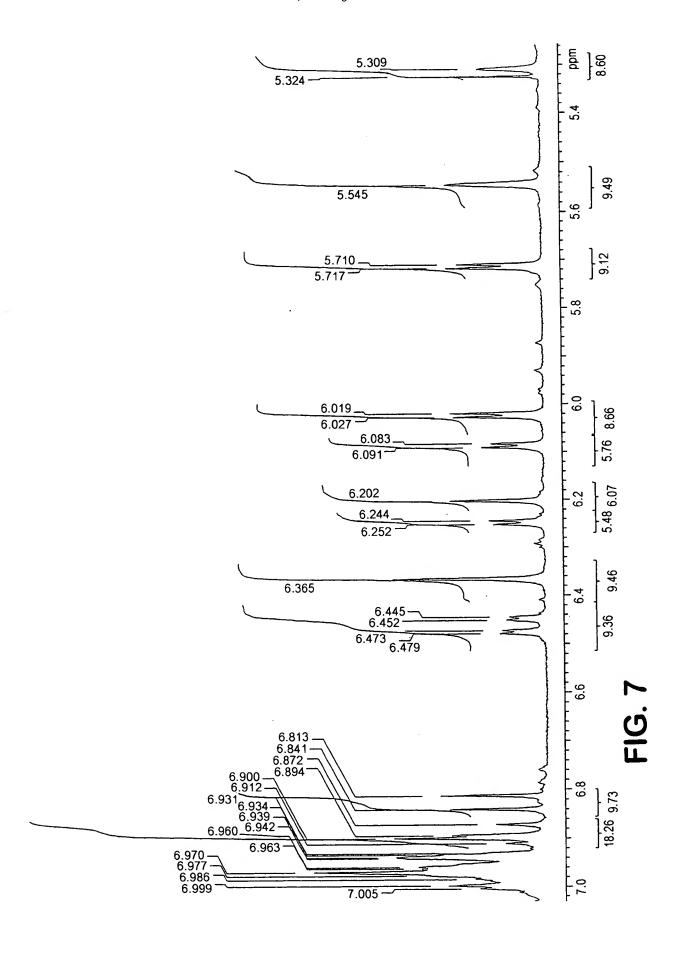
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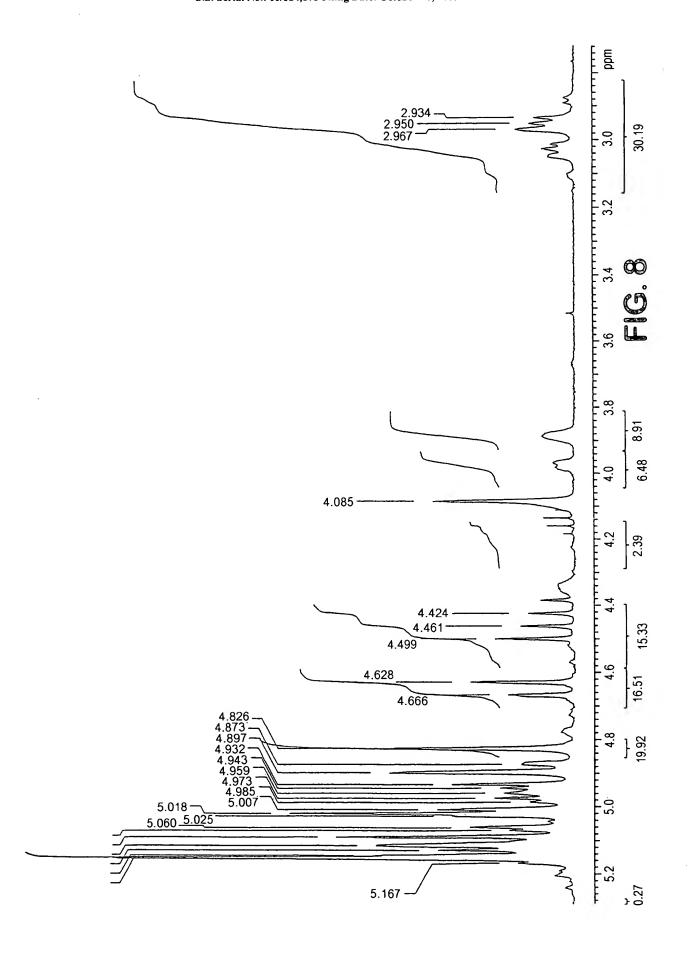
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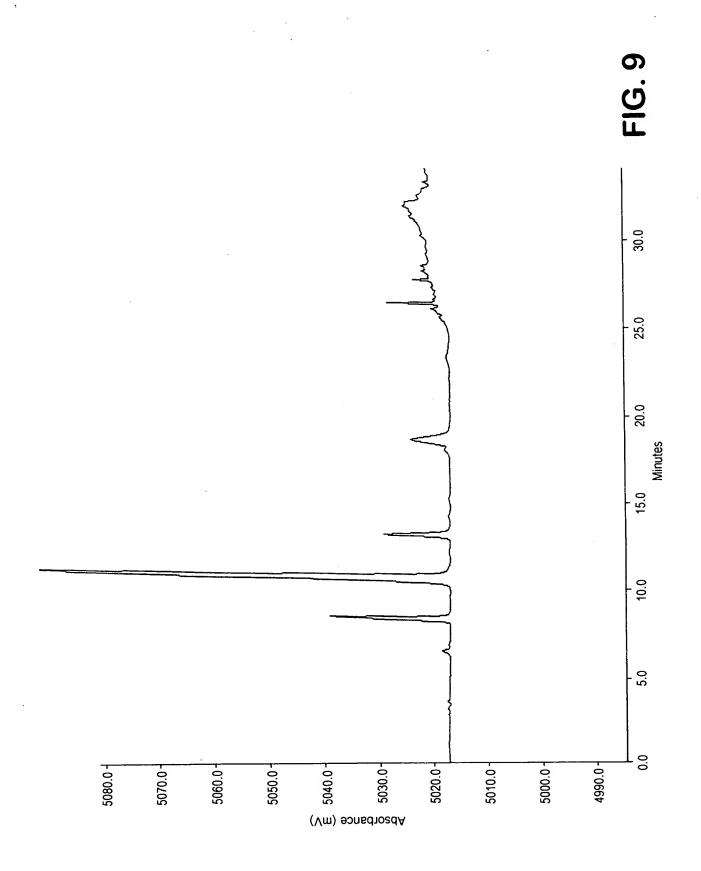
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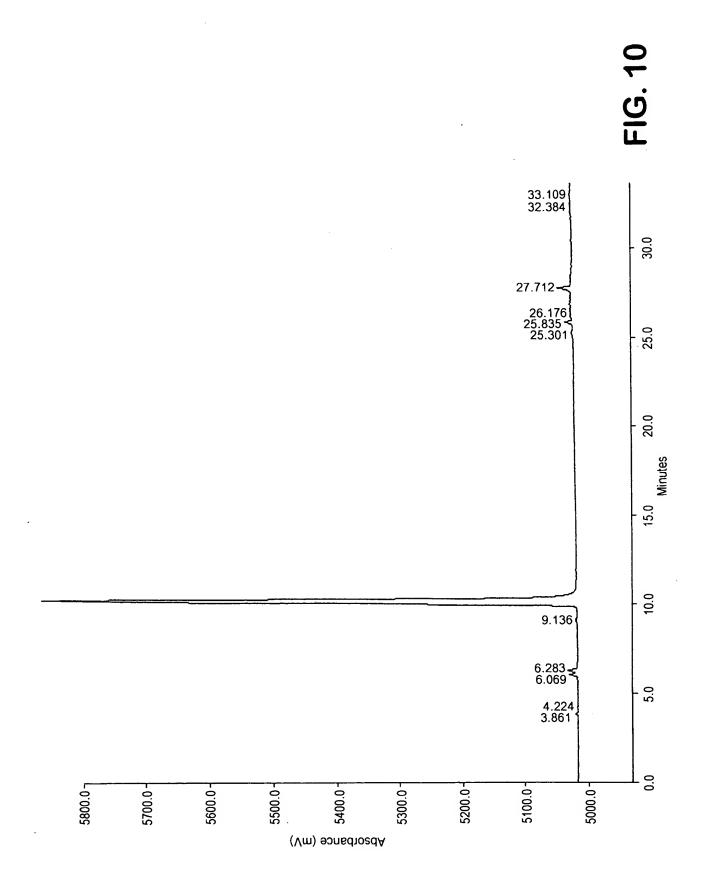
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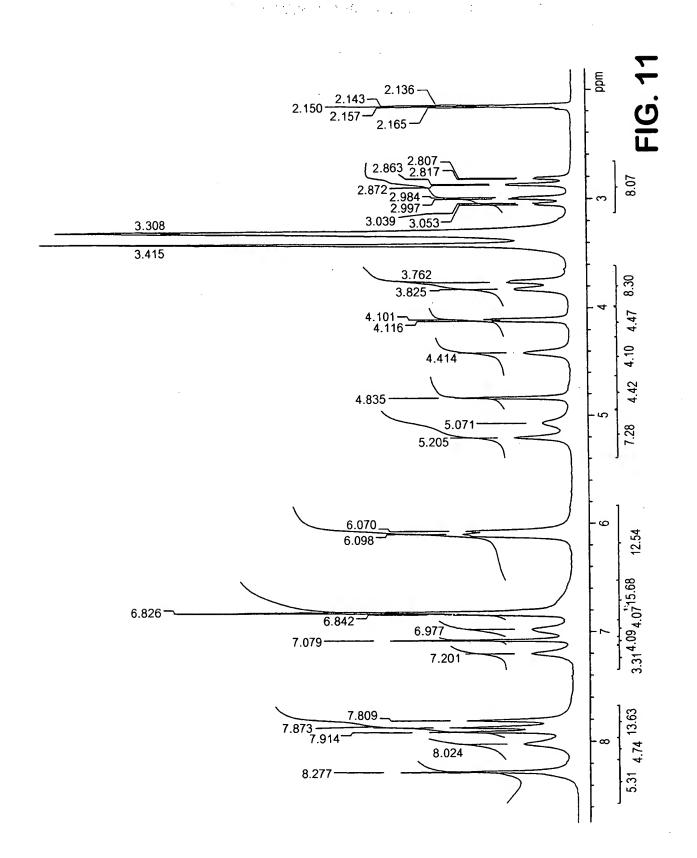
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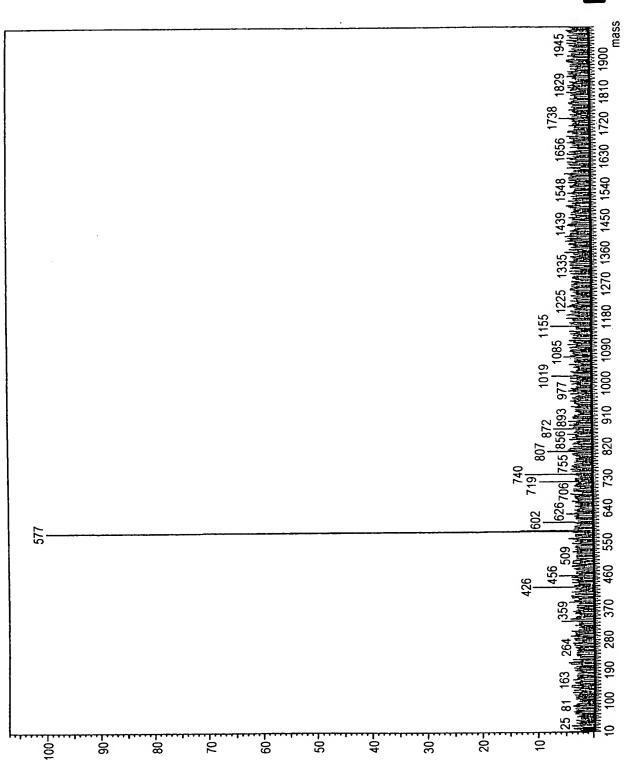


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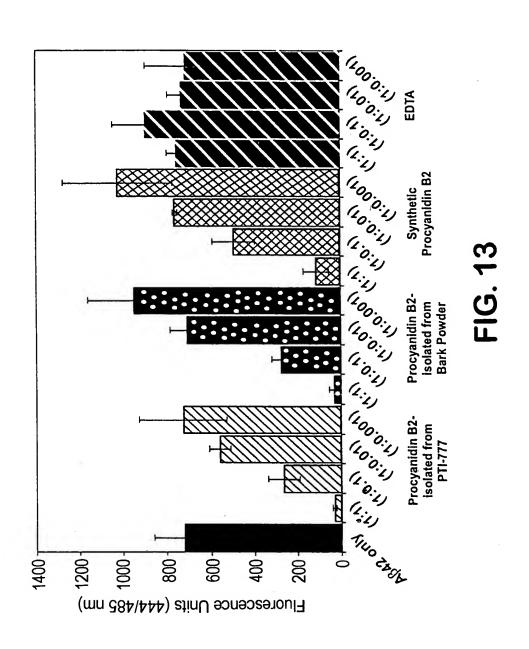


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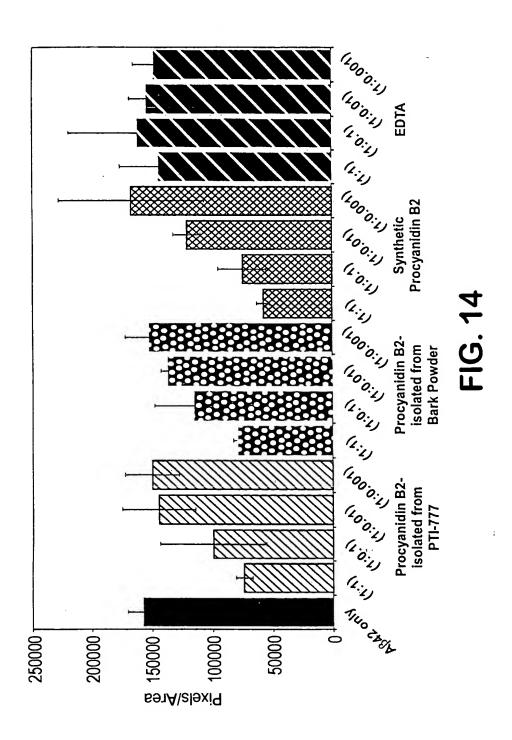




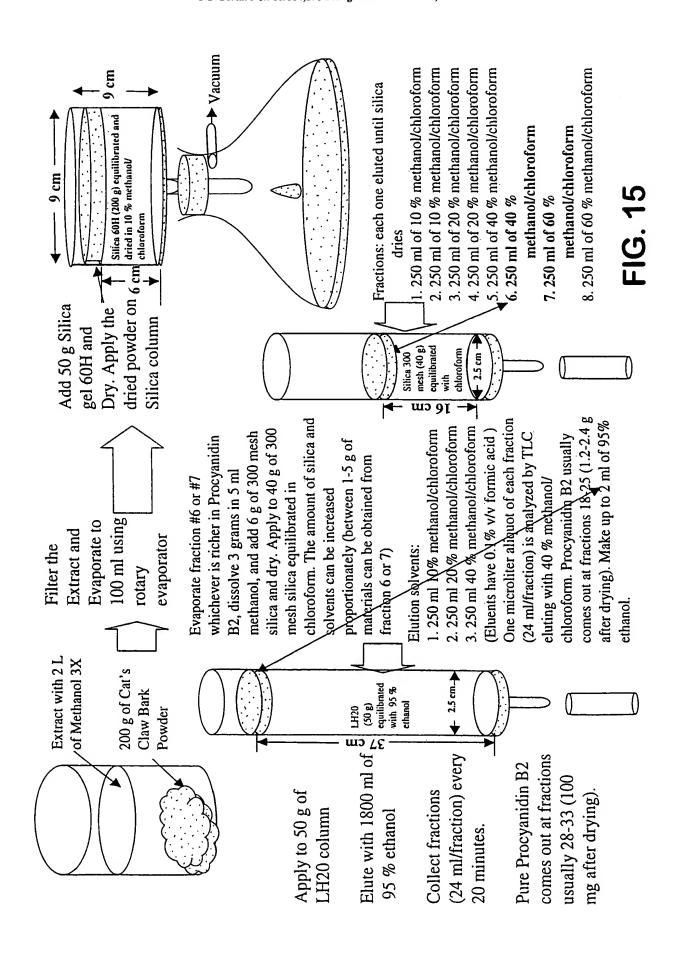
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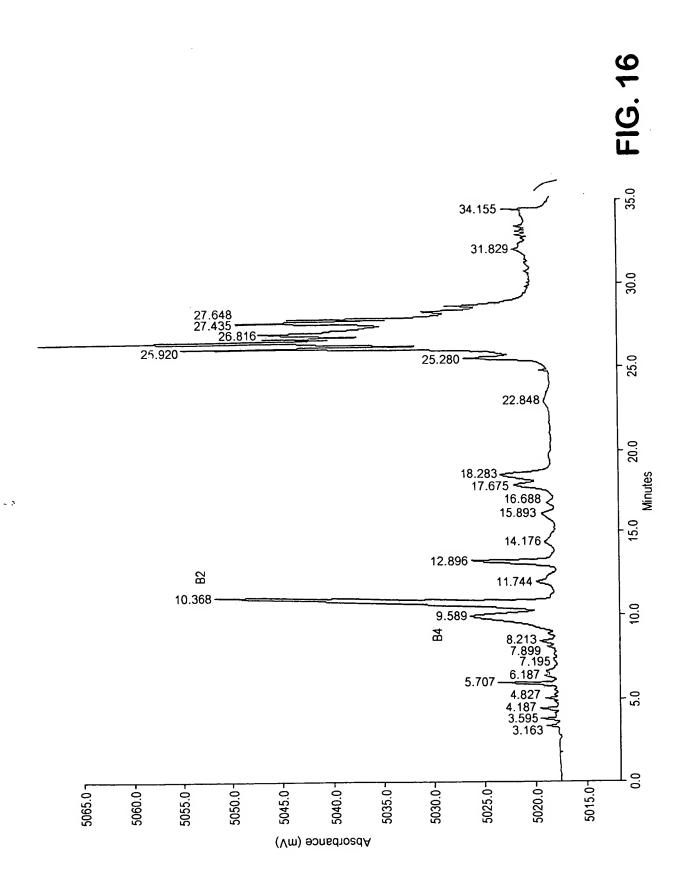
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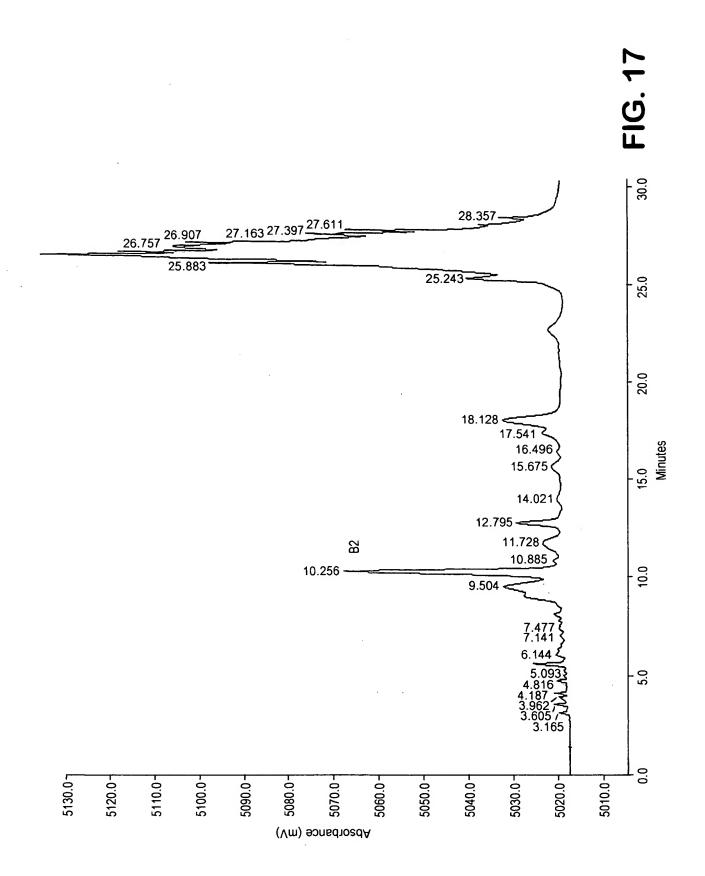
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REPLACEMENT SHEET FISH & RICHARDSON P.C. Sheet 17 of 25



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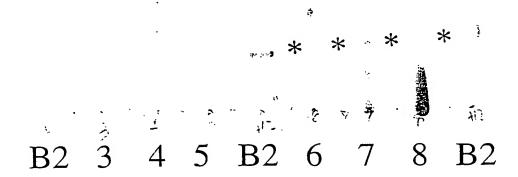
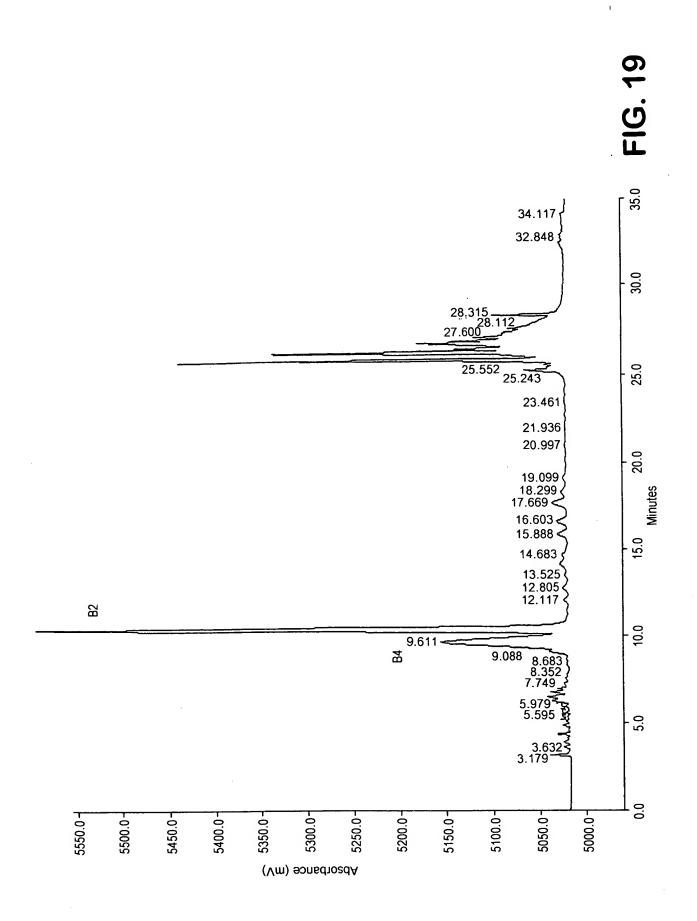


FIG. 18

REPLACEMENT SHEET FISH & RICHARDSON P.C. Sheet 19 of 25



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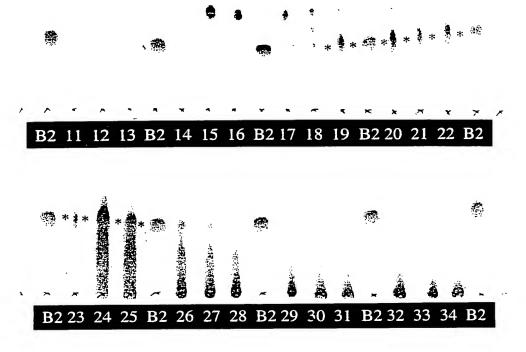
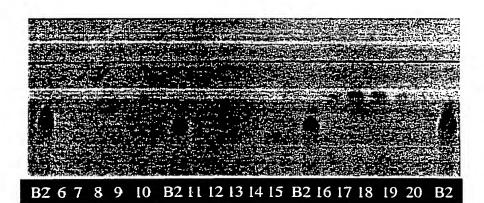
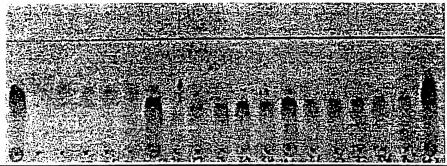


FIG. 20

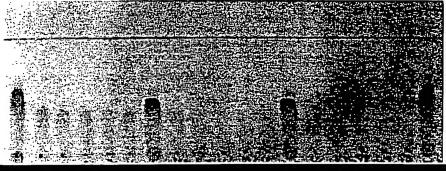
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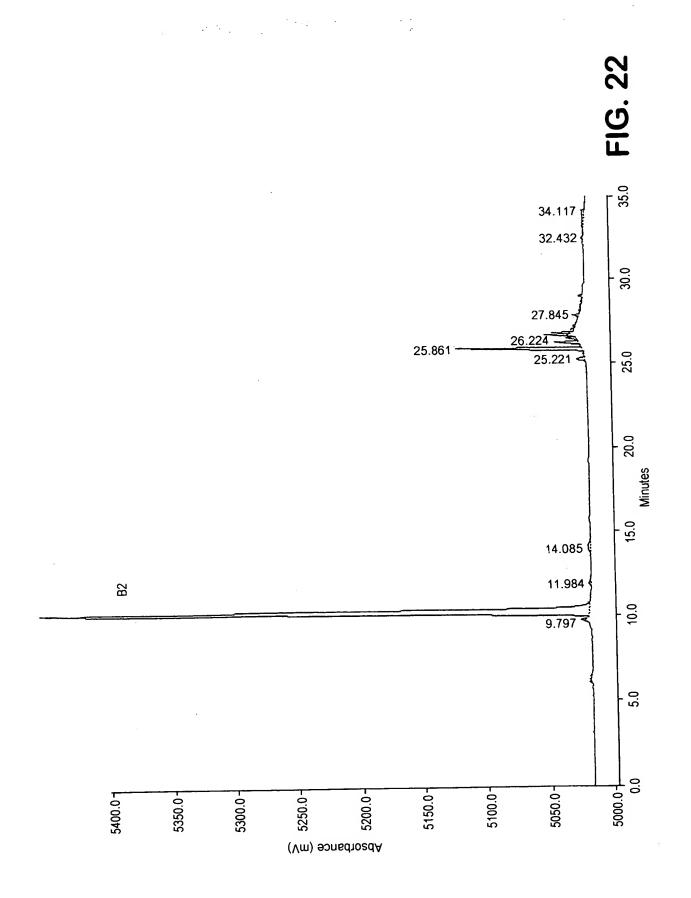
B2 21 22 23 24 25 B2 26 27 28 29 30 B2 31 32 33 34 35 B2



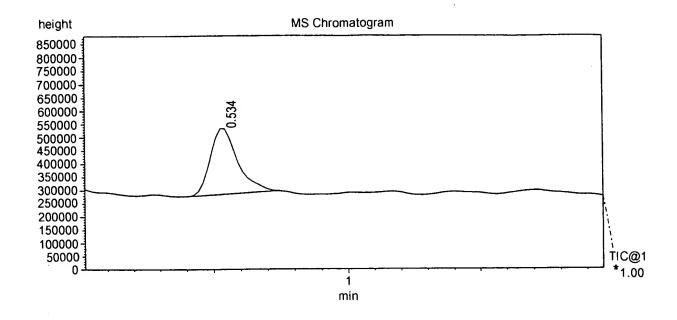
B2 36 37 38 39 40 B2 41 42 43 44 45 B2 46 47 48 49 50 B2

FIG. 21

REPLACEMENT SHEET FISH & RICHARDSON P.C. Sheet 22 of 25



REPLACEMENT SHEET FISH & RICHARDSON P.C. Sheet 23 of 25



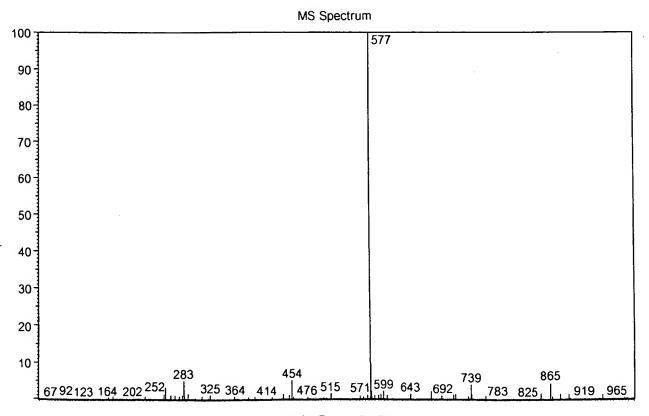
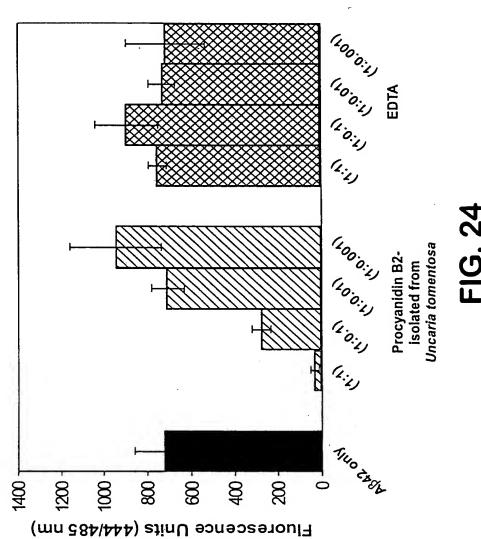


FIG. 23

REPLACEMENT SHEET FISH & RICHARDSON P.C. Sheet 24 of 25



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